

What is claimed is:

1. An information storage apparatus including a plurality
of partitioned areas with different security levels in
5 a memory area, comprising:

an area control section that controls addresses of
said partitioned areas in the memory area;

an area update condition control section that
controls update conditions when updating the number or
10 sizes of said partitioned areas;

an area update decision section that decides whether
a partition request requesting updating of the number
or sizes of said partitioned areas satisfies said update
conditions or not; and

15 an area update section that updates, when said
partition request satisfies said update conditions, the
partitioned areas in the memory area according to said
partition request.

20 2. The information storage apparatus according to claim
1, wherein procedure conditions related to an updating
procedure and entity conditions related to update
contents are specified as said update conditions.

25 3. The information storage apparatus according to claim
2, wherein any one of at least an updatable count, maximum
number of partitioned areas and maximum size of the
partitioned areas is specified as said entity conditions.

4. The information storage apparatus according to claim
1, wherein said area update section repartitions unused
area where no actual data in the memory area is recorded
5 according to said partition request.

5. The information storage apparatus according to claim
1, further comprising a receipt creation section that
creates a receipt indicating that said partitioned area
10 has been updated successfully.

6. The information storage apparatus according to claim
5, wherein said receipt is described the size of the updated
partitioned area and a difference in size of the
15 partitioned area before and after updating.

7. The information storage apparatus according to claim
1, further comprising:

an output section that outputs information on
20 updating of partitioned areas in the memory area carried
out by said area update section; and

a reception section that receives user confirmation
registration in response to said information,

wherein the update of said partitioned areas becomes
25 effective when the confirmation registration is accepted.